

### **LISTING OF CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) An apparatus for adjusting the sensitivity of a motion detector, comprising:

a ~~transmitter~~ transceiver remote from the motion detector for transmitting a signal to said motion detector in response to receiving a challenge signal from said motion detector, the signal being a non-user activated signal; and

a control for controlling the transmitter to transmit the signal, the signal adjusting the sensitivity of the motion detector.

2. (Original) The apparatus of claim 1, further comprising:

a user interface device for receiving a user command;

wherein the control is responsive to the user command received by the user interface device for controlling the transmitter to transmit the signal for adjusting the sensitivity of the motion detector.

3. (Original) The apparatus of claim 2, wherein: the user command sets a schedule for controlling the sensitivity of the motion detector.

4. (Original) The apparatus of claim 2, wherein: the user command sets a sensitivity level for the motion detector.

5. (Original) The apparatus of claim 1, wherein: the signal for adjusting the sensitivity of the motion detector comprises a command to change a pulse count of the motion detector.
6. (Previously Presented) The apparatus of claim 1, wherein: the signal for adjusting the sensitivity of the motion detector comprises a command to change an optical gain of the motion detector.
7. (Original) The apparatus of claim 1, wherein: the signal for adjusting the sensitivity of the motion detector comprises a command to change a sensitivity of a sensing component of the motion detector.
8. (Original) The apparatus of claim 1, wherein: the signal is a wireless signal.
9. (Original) The apparatus of claim 8, further comprising: a portable housing in which the transmitter and control are provided.
10. (Original) The apparatus of claim 9, further comprising: a pet collar for carrying the portable housing.
11. (Original) The apparatus of claim 9, further comprising: a battery provided in the portable housing for powering the control and transmitter.

12. (Currently Amended) A motion detector, comprising:

a component for sensing electromagnetic radiation that is indicative of the presence of a living being;

a control responsive to the component for determining, in accordance with the sensed electromagnetic radiation, whether to trigger a signal indicating that the living being has been detected; and

a ~~receiver~~ transceiver for receiving a remotely-generated challenge signal from said motion detector for adjusting a sensitivity of the motion detector, the remotely-generated signal being a non-user activated signal;

wherein the control is responsive to the remotely-generated challenge signal for adjusting a sensitivity with which the component senses the electromagnetic radiation.

13. (Original) The motion detector of claim 12, wherein: the remotely-generated signal comprises a command to change an optical gain of the component.

14. (Original) The motion detector of claim 12, wherein: the remotely-generated signal is a wireless signal.

15. (Original) The motion detector of claim 12, wherein: the remotely-generated signal is responsive to an adjustment instruction received via a communication interface.

16. (Currently Amended) A motion detector, comprising:

a component for sensing electromagnetic radiation that is indicative of the presence of a living being;

a control responsive to the component for determining, in accordance with the sensed electromagnetic radiation and a decision parameter, whether to trigger a signal indicating that the living being has been detected;

a ~~receiver-transceiver~~ for receiving a remotely-generated challenge signal from said motion detector for adjusting a sensitivity of the motion detector, the remotely-generated signal being a non-user activated signal;

wherein the control is responsive to the remotely-generated challenge signal for adjusting the decision parameter.

17. (Original) The motion detector of claim 16, wherein: the remotely-generated signal comprises a command to change a pulse count that the control uses as the decision parameter.

18. (Original) The motion detector of claim 16, wherein: the remotely-generated signal is a wireless signal.

19. (Original) The motion detector of claim 16, wherein the remotely-generated signal is responsive to an adjustment instruction received via a communication interface.

20. (Previously Presented) The apparatus of claim 1, wherein the sensitivity of the motion sensor is adjusted to exclude a pet when the signal is received, the adjusted motion detector remaining sensitive to detection of intrusion by a person.

21. (Previously Presented) The apparatus of claim 1, wherein the sensitivity of the adjusted motion sensor is returned to an unadjusted state when the signal is not received after a predetermined interval.

22. (Previously Presented) The apparatus of claim 1, wherein the signal is transmitted in response to a challenge signal broadcast by the motion detector.

23. (Previously Presented) The motion detector of claim 12, wherein the sensitivity of the component is adjusted to exclude a pet when the remotely-generated signal is received, the adjusted component remaining sensitive to detection of intrusion by a person.

24. (Previously Presented) The motion detector of claim 12, wherein the sensitivity of the adjusted component is returned to an unadjusted state when the remotely-generated signal is not received after a predetermined interval.

25. (Previously Presented) The motion detector of claim 12, wherein the remotely-generated signal is received in response to a challenge signal broadcast by a transmitter of the motion detector.

26. (Previously Presented) The motion detector of claim 16, wherein the decision parameter of the component is adjusted to exclude a pet when the remotely-generated signal is received, the adjusted decision parameter remaining sensitive to detection of intrusion by a person.

27. (Previously Presented) The motion detector of claim 16, wherein the adjusted decision parameter is returned to an unadjusted state when the remotely-generated signal is not received after a predetermined interval.

28. (Previously Presented) The motion detector of claim 16, wherein the remotely-generated signal is received by in response to a challenge signal broadcast by a transmitter of the motion detector.

29. (Currently Amended) An apparatus for adjusting the sensitivity of a motion detector, comprising:

- a ~~transmitter~~transceiver remote from the motion detector; and
- a control for controlling the ~~transmitter~~transceiver to transmit a challenge signal for adjusting the sensitivity of the motion detector, the sensitivity of the motion sensor being adjusted to exclude a pet when the signal is received by the motion detector, the adjusted motion detector remaining sensitive to detection of intrusion by a person.

30. (Currently Amended) An apparatus for adjusting the sensitivity of a motion detector, comprising:

a ~~transmitter~~ transceiver remote from the motion detector for transmitting a signal at one of a predefined transmission rate, continuously, and upon receipt of a challenge signal from the motion detector; and

a control for controlling the ~~transmitter~~ transceiver to transmit the signal, the signal adjusting the sensitivity of the motion detector.

31. (Previously Presented) An apparatus for adjusting the sensitivity of a motor detector

comprising:

a transceiver;

a motion detector;

a transceiver control for controlling the transceiver to transmit a control signal for adjusting the sensitivity of the motion detector, the control also controlling the transceiver to transmit a code in response to a challenge signal from the motion detector; and

a motion detector control for adjusting the sensitivity of the motion detector in response to the control signal from the transceiver and for transmitting a challenge signal upon detection of motion, the motion detector control triggering an alarm if a code is not received in response to the challenge signal within a predefined time period.